

DIRECTIONS FOR OPERATING U.S. 20 TALKING BOOK REPRODUCER

The Talking Book Reproducer Model U.S. 20 is designed for use when electricity is not available. Instead of a loudspeaker or horn it uses headphones. It has a spring motor which will play at three speeds: Seventy-eight revolutions a minute for standard commercial records, thirty-three for the long-playing Talking Books of the American Foundation for the Blind, and twenty-four for Talking Books recorded in England. Set up the reproducer as follows: Unfasten the two catches on the front of the case and raise the lid to a vertical position. A crank will be found secured by two clips to the bottom of the lid. Remove this by lifting straight up. Insert it into the hole in the right side of the case and continue turning it clockwise until the motor seems to be wound.

Slide the headphones from the elastic band in the lid and adjust the headbands for greatest comfort. Then make certain that the tips at the end of the phone cord are securely in place in the little socket inside the case, to the right and in front of the turntable.

Place a record on the turntable. Loosen the thumb screw on the front of the pickup -- the flat arm to the right of the turntable. Insert a new full tone steel needle into the needle hole in the bottom of the pickup head and tighten the needle screw. A fresh needle should be used for each side of every record. Pull the lever at the left and towards the front of the turntable forward. This starts the motor. Lift the pickup and slide it down the left side of the pickup rest until the needle point touches the record. The entire record may now be listened to without any further operations. To stop the turntable, push the lever back again.

There is another lever to the right and towards the front of the turntable. This governs the speed of the motor. The further it is pushed to the left, the faster the turntable travels. For commercial records it will be almost as far to the left as it will go. For Talking Books from England it will be almost as far to the right as it will go. For American Talking Books it will be between these two. To achieve proper speed this lever should be moved towards one side or the other. If the speech is hurried and high pitched the lever should be pushed further towards the right. If it is sluggish and deep voiced, the lever should be pushed further towards the left.

Two needle cups will be found in the lid -- one with a snap cover for new needles is located on the bottom at the left; another, a tubular cup with a small hole in the top for used needles, is fastened on the left side of the lid.

CAUTIONS

The needle must be changed after each side of each record.

The pickup should be returned to its rest when the machine is not in use. Do not allow it to stand on the record for long periods of time.

Be sure to have the reproducer sitting on a firm, level surface.

Do not wind the motor while a record is being played, if the motor is wound up sufficiently before the machine is turned on, it will easily play through the longest record without rewinding, even if the record lasts for 20 minutes.

When the reproducer is not in use, keep the lid closed so that as little dust as possible will collect on the working parts.

Wind the motor with a steady, gentle turning of the crank. Do not jerk; and avoid winding it too tightly.